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02/07/01  
JC996 U.S. PTO

655.00875 (Index 899; IDI 1280)  
PATENT

JC996 U.S. PTO  
09/778310  
02/07/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) HEAT EXCHANGER  
Stephen Memory et al. )  
Serial No.: (Unassigned) ) Group Art Unit: Unknown  
Filed: (Herewith) ) Examiner: Not Yet Assigned

TRANSMITTAL LETTER

BOX - PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed herewith for filing under 37 C.F.R. Section 1.53(b) is a patent application,  
including:

- (1) A specification, claims and abstract for the patent application of Stephen Memory, Gregory Hughes, L. Winston Zhang, C. James Rogers, Craig Grohman, Edward Robinson, Richard Mielke, Jonathan P. Wattelet, Lawrence Gabbey and Richard J. Trapp, as joint inventors, entitled HEAT EXCHANGER;
- (2) Five (5) sheets of informal drawings (Figs. 1-14);

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" mailing label number EM378838016US  
Date of Deposit February 7, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, BOX - PATENT APPLICATION, Washington, D C 20231

Corinne Byk

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Corinne Byk

(Signature of person mailing paper or fee)

655.00860 (Index 898; IDI 1291)  
PATENT

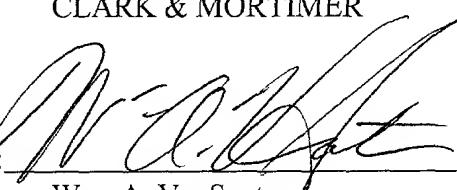
- (3) A check in the amount of \$1,050.00 to cover the filing fee;
- (4) Computation sheet form PTO-1082 (in duplicate);
- (5) Declaration and Power of Attorney listing Stephen Memory, Gregory Hughes, L. Winston Zhang, C. James Rogers, Craig Grohman, Edward Robinson, Richard Mielke, Jonathan P. Wattelet, Lawrence Gabbey and Richard J. Trapp as joint inventors (signed); and
- (6) Certificate of Mailing by "Express Mail" No. EM378838016US.

Any additional costs incurred with regard to this matter should be charged to our  
Deposit Account No. 23-0785.

The filing date based on the filing of these papers under 37 CFR Section 1.10(a) is  
respectfully requested.

Respectfully submitted,

WOOD, PHILLIPS, VanSANTEN,  
CLARK & MORTIMER

By:   
Wm. A. Van Santen  
Reg. No. 22,810

Dated: February 7, 2001

500 West Madison Street  
Suite 3800  
Chicago, Illinois 60661  
(312) 876-1800

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventor: Memory et al.

For: HEAT EXCHANGER

Enclosed are:

- Five (5) sheets of drawings (Figs. 1-14).
- An assignment of the invention to \_\_\_\_\_ application.
- A certified copy of a \_\_\_\_\_
- Declaration and Power of Attorney (signed).
- Small entity status: Applicant claims small entity status. See 37 CFR 1.27.
- 

The filing fee has been calculated as shown below:

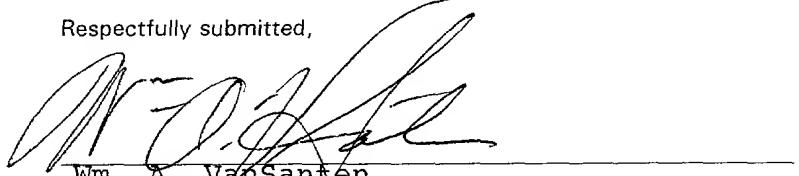
	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	30	- 20 = * 10
INDEP. CLAIMS	5	- 3 = * 2
MULTIPLE DEPENDENT CLAIM PRESENTED		

\*If the difference in Col. 1 is less than zero, enter 0 in Col. 2.

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE	FEES	RATE	FEES
	\$ 355		\$ 710
x 9 =		x 18 =	180
x 40 =		x 80 =	160
+135 =		+270 =	
	TOTAL		\$1,050
	OR		TOTAL

- Please charge my Deposit Account No. \_\_\_\_\_ the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
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  - Any additional filing fees required under 37 CFR 1.16.
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  - Any patent application processing fees under 37 CFR 1.17.
  - The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
  - Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,



Wm. A. Van Santen  
Reg. No. 22,810

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Corinne Byk

(Typed or printed name of person mailing paper or fee)



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